

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.  
D0020 NP  
APPLICATION NO.  
09/932,145  
APPLICANT  
FEDER ET AL.  
FILING DATE  
08/17/01

Group



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
DX	AM	W09906548	2/11/99	PCT			<input type="checkbox"/>	<input type="checkbox"/>
↓	AN	W099/63088	12/9/99	PCT			<input type="checkbox"/>	<input type="checkbox"/>
↓	AO	W001/57270	8/9/01	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

DX	AR	Escriba, Pablo V. et al. (1995) Molecular Brain Research; Vol 32;pp 187-196
↓	AS	Farsang C. et al., (1999) Brain Research Bulletin, Vol. 49, No. 5 pp. 317-331
↓	AT	Chan, Susan L. F. et al., (1993) European Journal of Pharmacology; Vol. 230 pp. 375-378

EXAMINER

Dong Jiang

DATE CONSIDERED

6/29/04

\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)



ATTY. DOCKET NO.  
D0020 NP  
APPLICATION NO.  
09/932,145  
APPLICANT  
FEDER ET AL.  
FILING DATE  
08/17/01

Group

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

DS	AA	Chan, Susan L. F., et al. (1994) British Journal of Pharmacology, Vol. 112; pp 1065-1070
	AB	Altschul, Stephen F., et al. (1997) Nucleic Acids Research, Vol. 25, No. 17; pp 3389-3402
	AC	Garcia-Sevilla, Jesus A., et al. (1999) NY Acad. Science, June 21; pp 392-403
	AD	NCBI Entrez, Genbank Accession No. ZAA37509 [gi:9115] Swimmer, C., et al., April 7, 1992
	AE	NCBI Entrez, Genbank Accession No. BAB67791.KIAA1898 [gi:15620855], Nagase, T. et al. September 15, 2001
	AF	NCBI Entrez, Genbank Accession No. AAH14114 [gi:15559497], Strausberg, R., Sept. 12, 2001
↓	AG	Incyte EST, Clone Sequence ID: 2499870
	AH	
	AI	
	AJ	
	AK	
	AL	
	AM	
	AN	

EXAMINER

*Dong Jiang*

DATE CONSIDERED

*6/29/04*

\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

FORM PTO-1449  
(REV. 7-85)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
D0020 NP  
APPLICATION NO.  
09/932,145  
APPLICANT  
FEDER ET AL.  
FILING DATE  
08/17/01

Sheet 1 of 2

RECEIVED

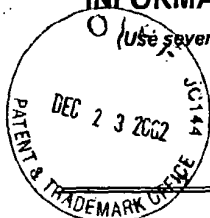
DEC 30 2002

TECH CENTER 1600/2900

Group

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
DJ	AM	WO 9906548A	2/11/99	PCT			<input type="checkbox"/>	<input type="checkbox"/>
J	AN	WO 9911668A	3/11/99	PCT			<input type="checkbox"/>	<input type="checkbox"/>
↓	AO	WO 0224750A	3/28/02	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

DJ	AR	ADACHI J, et al., "Functional annotation of a full-length mouse cDNA collection", EMBL Database accession no. AK004757 XP002217273 abstract
J	AS	Nature 409: 685-690 (2001)
↓	AT	CARNINCI et al., Methods in Enzymology, 303: 19-44 (1999)

EXAMINER

*Dong Jiong*

DATE CONSIDERED

*6/29/04*

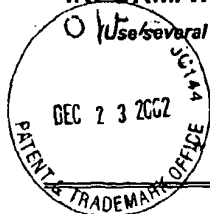
\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

FORM PTO-1449  
(REV. 7-85)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION

Use several sheets if necessary



Sheet 2 of 2

RECEIVED

DEC 30 2002

TECH CENTER 1600/2900

Group

ATTY. DOCKET NO.  
D0020 NP  
APPLICATION NO.  
09/932,145  
APPLICANT  
Feder et al.  
FILING DATE  
08/17/01

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AM						<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

DR	AR	Genome Res., 10: 1617-1630 (2000)
✓	AS	Genome Res., 10: 1757-1771 (2000)
	AT	

EXAMINER

Dong J. Yang

DATE CONSIDERED

6/29/04

\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

FORM PTO-1449  
(REV. 7-85)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

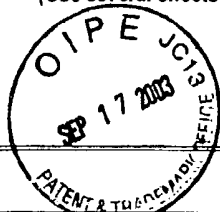
**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

Sheet 1 of 1

ATTY. DOCKET NO.  
D0020 NP  
APPLICATION NO.  
09/932,145  
APPLICANT  
FEDER ET AL.  
FILING DATE  
08/17/01

Group



**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						
AL						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AM						<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

DJ	AR	Smith, et al. (2001) Human Molecular Genetics 10(25):2869-2877
	AS	
	AT	

EXAMINER

*Dong Jiang*

DATE CONSIDERED

*6/29/04*

\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

FORM PTO-1449  
(REV. 7-85)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.  
D0020 NP  
APPLICATION NO.  
09/932,145  
APPLICANT  
FEDER ET AL.  
FILING DATE  
08/17/01

Group

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO	
	AM	WO 02/072757	9/19/02	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

Dg	AR	NCBI ENTREZ ACCESSION No. gi NM_052902, Smith, D.P. et al., October 5, 2003
↓	AS	NCBI ENTREZ ACCESSION No. gi NP_443134, Smith, D.P. et al., October 5, 2003
↓	AT	NCBI ENTREZ ACCESSION No. gi 17444975, NCBI Annotation Project, February 6, 2002

EXAMINER

Dong Jiong

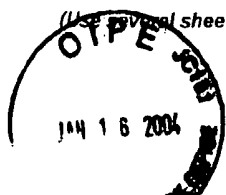
DATE CONSIDERED

6/29/04

\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)



ATTY. DOCKET NO.  
D0020 NP  
APPLICATION NO.  
09/932,145  
APPLICANT  
FEDER ET AL.  
FILING DATE  
08/17/01

Group

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

DJ	2AA	NCBI ENTREZ ACCESSION No. gi 17940700, Smith, D.P. et al., December 20, 2001
↓	2AB	NCBI ENTREZ ACCESSION No. gi 20537749, NCBI Annotation Project, August 1, 2002
↓	2AC	NCBI ENTREZ ACCESSION No. gi 21707848, Strausberg, R.L. et al., November 12, 2003
↓	2AD	Smith, D.P. et al., "LIP1, a cytoplasmic protein functionally linked to the Peutz-Jeghers syndrome kinase LKB1", Human Molecular Genetics, Vol. 10, No. 25, pp. 2869-2877 (2001)
	AE	
	AF	
	AG	
	AH	
	AI	
	AJ	
	AK	
	AL	
	AM	
	AN	

EXAMINER

*Dong Jiang*

DATE CONSIDERED

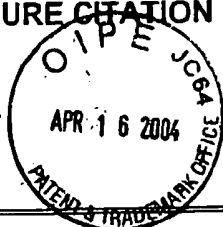
*6/29/04*

\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

FORM PTO-1449  
(REV. 7-85)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.  
D0020 NP  
APPLICATION NO.  
09/932,145  
APPLICANT  
FEDER ET AL  
FILING DATE  
08/17/01

Group

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AM						<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

DJ	AR	Smith, et al. (2001) Human Molecular Genetics 10(25):2869-2877
	AS	
	AT	

EXAMINER

Dong Jia

DATE CONSIDERED

6/29/04

\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.